DXpedition News

Republic of Yemen - 7O F6HIZ reports that Gérard F2VX and Paul F6EXV will operate from Yemen July 28-August 12, CW and SSB. Their license comes from the Minister of Communications, **Republic of Yemen**, which is the name of the new, combined country. As of July 30, a few reports of **7O8AA** have been the only sign of this operation. Announced frequencies are 7003, 14005, 21005, and 28005 kHz on CW, and 3787, 7060, 14195, 21295, and 28495 kHz on SSB. (If Albania comes on the air during their operation, the Yemen team will move to 14145, 21195, and 28445 kHz.) QSL to F2VX. Donations would be appreciated. (Thanks LNDX.)

Guyana - 8R Alex W1CDC will be active from Guyana Aug. 8-19, CW and SSB, callsign unknown as yet. Try 25 kHz up on CW, and near the bottom of the **General** class subbands on SSB. QSL to AB1U.

Edited by Chod Harris VP2ML

The DX Bulletin

America's Premier Weekly Amateur Radio Publication

British Virgin Islands - VP2V Mitsumasa Uto JH4IFF will operate as **N2HNQ/VP2V** Aug. 6-10, CW, SSB, and RTTY, 80-10 meters. QSL home call.

Crete - SV9 As mentioned in Issue 543, a large group of amateurs will be active as **J49G** from Gavdos Island south of Crete to Aug. 15, CW, SSB, and RTTY.

Svalbard - JW Three Dutch amateurs will be on Svalbard to August 8, 80-6 meters, emphasizing 6 meters. Look for **JW/PA3DCO, PA3FMK** and **PE1MIS**, and possibly the club call **JW5E**.

Andorra - C3 Peter Casier ON4AAQ will operate as **C3ØEMA** August 8-23, 10-160 meters. QSL to home call via the ON bureau, or to Box 1, B-9230 Melle, Belgium.

Jersey - GJ GJ/PBØAFQ will be on Aug. 12-26, 10 and 15 meters only. Try 28700 kHz and 21140 kHz. QSL to PA3ELS.

Shortly Noted

- **H44RW** is Ron Wright ZL1AMO back in the Solomons. See Bandpass for spottings. QSL home call, direct only (although a recent note from Ron says he **does** QSL via the bureau. Anyone receive a card from Ron via the bureau?)
- **FR5ZU** is due for another swing through the French Indian Ocean islands as follows: Glorioso /G Aug. 21-30; Juan de Nova /J Aug. 31-Sept. 5; and Europa /E Sept. 8-20.
- **F6FYD/ST** will be in Sudan and Southern Sudan in August and September.
- **DL7FT** Frank Turek will be active from West Africa (possibly the Gambia C5) Aug. 8-18. Try usual SSB DX frequencies. QSL home call.
- **5H3TW** will be on 80 meters around 3507 kHz just before his sunrise at 0315Z for the next few days. QSL K3ZO.
- **FT4XG** Francis on Kerguelen is often on 28480 kHz around 1200Z with W8GIO helping. Francis says FT4WB on Crozet has equipment problems, which is why he has been so scarce on the bands.
- **A61AD** Saeed now has a key, thanks to QSL manager WB2DND, and will give CW QSOs on request.
- **3W3RR** QSLs are in the mail to those who sent cards directly to Romeo Stephanenko at Box 308, Moscow 103009, USSR. Romeo says the **1SØXV** logs have been sent to John Parrott W4FRU, but that those DXers who sent their **1SØXV** and **1S1RR** cards to Box 308 will receive a direct response.
- **SSB Net** check-ins: **14222 kHz**: OX3SG S79MX ZK1BY KA3HMS/KH3; **14227**: 3B9FR UP2CM 1Z9B YI2LVB; **21335**: UJ8KA.
- **RTTY** report: **9L1US** is now active on RTTY. QSL to WA8JOC. **C53/6W6JX** will be on Aug. 9-23 from the Gambia. QSL via F6FNU. Some active stations: **BV4QA** 14088 kHz at 1400Z; **VQ9RB** 21093 1800Z; **5V7DP** 21081 1750Z; **HBØHTA** 21082 1815Z; **PZ1BS** 14085 0110Z; **UT5RP** 14068 ARQ 0400Z; **ZLØAIC** (Antarctica) 14089 0500Z; **SU1HN** 14083 2145Z; **JY9SR** 14079 1440Z; **ZD9BV** 21086 1600Z; **ZD8BOB** 21088 1740Z; **TJ1MW** 14090 0045Z; **J28TY** 14092 0300Z; **TA3D** 14086 1950Z; **EA9MY** 14083 0700Z.
- **Islands On The Air: VY2QST** will be on from Prince Edward Island (NA-29) Aug. 5-11. QSL K1ZZ. Look for **ID9/I4ALU** Aug. 13-30 from Stromboli Island (EU-17). CW only, 20-10 meters. QSL home call. **4K4A** and **4K4RAS** are the requested callsigns for a DXpedition to Zapadnyy Kamennyy Island in the Plavnikovyye group (AS-68) to August 15. On CW, try 20 kHz up, and on SSB, watch 3620, 7060, 14260, 21260, and 28560 kHz, and the IOTA net at 1300Z on 14260 kHz weekends. QSL to Box 1, Surgut 14, 626400 USSR. **EA6DXX** will be operated by Tony EA5BY Aug. 2-10 from various Balearic Islands (EU-04). 10-40 meters. QSL to the Lynx DX Foundation, Box 351, 26080 Logroño, Spain. Some reports: **VE7FNP** (NA-35) 14031 0530Z; **W3WPY** (NA-84) 14186 2250Z; **YU2UM** (EU-90) 21011 2010Z.
- **WRTC** competition was won by the US team of John Dorr K1AR and Doug Grant K1DG. K7JA and W9RE came in second, and KRØY and KQ2M claimed the bronze medal. Congratulations!

Propagation

Forecast and Historical Data

Day Forecast	27 Days Before			55 Days Before		
August 1990	Date	Flux	A K	Date	Flux	A K
03 High Normal	07/07	204	07/09 2	06/09	198	24/30 3
04 High Normal	07/08	182	10/13 2	06/10	206	12/20 2
05 High Normal	07/09	163	04/07 1	06/11	209	14/14 3
06 High Normal	07/10	157	12/12 3	06/12	219	45/57 6
07 High Normal	07/11	153	06/09 2	06/13	198	41/51 4
08 High Normal	07/12	154	07/12 0	06/14	196	47/55 3
09 Low Normal	07/13	153	11/18 2	06/15	185	10/10 2
10 High Normal	07/14	149	10/13 3	06/16	180	05/07 2
11 High Normal	07/15	143	09/14 2	06/17	178	03/06 2
12 High Normal	07/16	141	07/08 2	06/18	162	10/12 2
13 High Normal	07/17	143	05/08 2	06/19	156	08/11 2

Propagation Watch

The 27.5-day cycle of solar activity peaked a couple of days early, on July 27. The solar flux barely nudged above 200, well below the level most DXers would prefer. Although this trend of declining solar activity could reverse itself at any time, the evidence that Sunspot Cycle 22 peaked in mid-1989 at a smoothed sunspot number of 158 continues to mount.

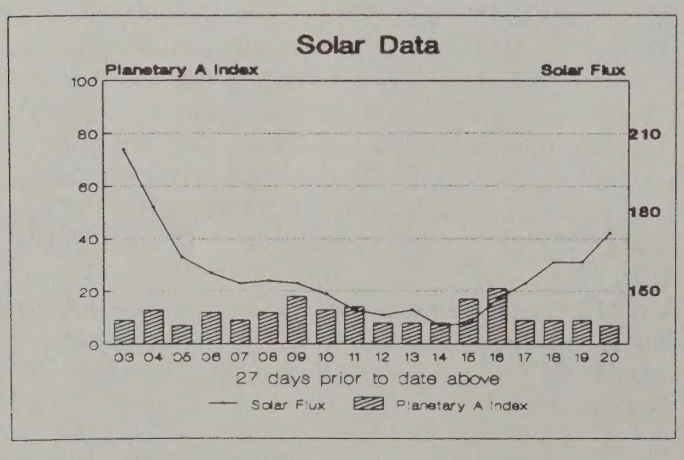
Solar activity will probably decline into the 150 range (or even lower) over the next ten days, before rising again at the end of the month.

Will solar activity rebound in late August? The odds favor a return to higher levels of solar flux than we saw in July. Despite month-to-month variations in solar activity, we are still within a year of the peak of the third best sunspot cycle, and we should see another couple of years of good DXing on the higher bands.

The low, early peak in solar flux wasn't the only bad news for DXers at the end of July. A series of solar flares on July 28 disrupted the geomagnetic field, after several weeks of low geomagnetic activity. The A index rose to major storm levels, depressing maximum useable frequencies (MUFs), and eliminating the polar path. The sunspots that produced some of the flares have rotated around the back side of the sun, and shouldn't bother the bands again for another 2-3 weeks.

In the absence of a major flare, DXers can look forward to a seasonal increase in the MUF, with longer, stronger openings on 15 and 17 meters, and better openings on 10 and 12 meters. (The latter bands were almost completely wiped out by the solar storm in late July.)

Local dawn continues to be a good time to chase DX, especially on the 20-meter long path to the west and south. The 15-meter long path in the early evening is another spot to check for long-haul DX. Good hunting!



Regulars

▪ **Ascension Island**	ZD8LII	21028	17-2100Z
▪ **China**	BY4RB	14032	1245Z
▪ **India**	VU2DZ	14180	1100Z
▪ **Gough Island**	ZD9CN	14200±	1400Z
▪ **Johnston Island**	KH3/KA3HMS	14225±	04-0600Z
▪ **Marion Island**	ZS8MI	14260	1230Z
▪ **Marion Island**	ZS8MI	14035	11-1400Z
▪ **Mauritius**	3B8CF	7010	0300Z
▪ **Papua New Guinea**	P29PL	14010	0945Z
▪ **Reunion Island**	FR5DX	21285	1330-15Z
▪ **Saudi Arabia**	HZ1AB	18070	0400Z Thurs.
▪ **Seychelles**	S79MX	28500	1330Z
▪ **Sri Lanka**	4S7CF	14010	1200Z
▪ **Turkey**	TA5C	21265±	1330Z
▪ **United Arab Emirates**	A61AD	14190±	1300Z
▪ **Uzbekistan**	UI8ZAC	21275±	0245Z

Malawi - 7Q

The recent surge in activity from Malawi has been welcome news for DXers. For many years, Les 7Q7LW was the only active amateur from the southern African country. When Les returned to England, the prospects for Malawi activity looked very bleak.

Fortunately, that changed recently, and there are now eight licensed amateurs in the country: **7Q7s: JA JM JW LA LB RM AE** and **HM**. 7Q7s JW LA and RM are active on CW as well as SSB.

Ron Macfarlane 7Q7RM has lived in Malawi since 1955, when the country was called Nyasaland. He operated as **ZD6RM** until Malawi gained independence in 1964. Ron reports that the licensing authority is the Postmaster General, and the address for licensing is The Assistant Chief Telecommunications Officer, P.O.Box 80050, Maselema, Blantyre 8, Malawi.

Sam Brown WA4IUM reports that the DXCC desk now accepts all current 7Q7 stations.

Awards Available

▪ **W8AL** is a special-event station from Canton, Ohio, celebrating the Professional Football Hall of Fame. Times of operation are 22-0200Z Aug. 3 and 17-2300Z Aug. 4-5. Try 28350, 21350, 14270, and 7270 kHz on SSB, and 21060, 14060, and 7060 kHz on CW. 2-meter FM, RTTY, Packet, and AMTOR operation are also possible. A free certificate for working the station is available from Randy Phelps KD8JN, 1226 Delverne Ave. SW, Canton Ohio 44710. Include a 9x12" envelope with two units of postage for an unfolded certificate, or a business-sized, self-addressed, stamped envelope for a folded certificate.

▪ The **Memory of Russian Pioneers** award is available from the ERMAK Western-Siberian Amateur Radio Club, Box 1, Surgut-14, 626400, USSR. Applicants must work 12 stations as follows: One each from: Oblasts 098/UAØQ, 105/UAØB (or 106/UAØH, 107/UAØL, 110/UAØC, 113/UA1O (or 114 UA1P), 128/UAØZ (or 129/UAØX), 138/UAØI (or 139/UAØK), 143/UA1Z, 163/UA9K, North Pole or North Arctic station, Antarctica or Alaska or ice station (4KØ), and any ERMAK DXpedition, including EK9JG in 1990, and 4K4A in August (see page 1). Award fee is 10 IRCs.

B . A . N . D . P . A . S . S

*Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.*
All "portable" calls listed with country of operation first, regardless of format used on the air.

RTTY

6W6JX	14090	2350	23	FL
9L1US	21088	1525	22	OH
9V1JY	14089	1421	26	WA
AH9AC	14087	0430	27	CA
BZ4SAA	14087	1325	22	OH
CT3BX	21085	1830	22	OH
EA8ES	21085	0000	24	FL
EA9MY	14085	0041	25	FL
HL1SX	14089	1421	26	WA
HV3SJ	14086	2007	26	FL
J28TY	14091	0230	24	OH
J39BS	14090	0530	22	CA
JW9MAA	21088	1745	25	CA
OY7GI	14088	0505	22	CA
SU1HN	14083	2305	21	CA
TA3D	21091	1610	25	WA
TR8CJ	21090	2100	23	CA
TR8JLD	14089	2235	25	CA
UA4FDS	14090	0225	24	OH
VQ9RB	14085	1620	21	CA

160 Meters

VK3OX	1832	1203	20	WA

80 Meters

TF3EJ	3511	0200	24	CT

40 Meters

3B8CF	7007	0250	19	IA
6W6JX	7007	0554	19	IL
7X2AB	7003	0140	24	FL
EA8AB	7002	0104	19	SC
FK8GJ	7002	1006	19	FL
H44RW	7004	1018	26	MI
KG4DD	7060	0535	21	FL
KH2/ KL7NA	7004	0945	17	WI
OY1CT	7003	0152	17	CT

30 Meters

5B4OG	10105	0122	28	FL
7X2AX	10102	2005	28	FL
HZ1HZ	10101	2240	1	SC
SV1ANW	10101	0030	19	VA

20 Meter CW

3B8CF	14035	1258	17	CO
3B9FR	14026	1109	19	MA
3D2AG	14017	1117	8	MI
4S7CF	14004	0030	18	MI
4S7CF	14005	1150	7	IL
4S7CF	14013	1215	28	FL
4S7EA	14007	2334	24	FL
4S7WP	14008	1405	26	WA
5H3TW	14008	0127	25	WA
5H3TW	14021	0246	19	MA
7Q7LA	14001	0435	19	IA
7Q7RM	14013	2355	18	FL
7X2CR	14012	2351	22	GA
7X2FK	14016	0408	16	NH
8J9ØXPO	14035	1100	23	OH
9M2AX	14026	1227	18	CO
9M2FD	14027	1415	22	CA
9M2FK	14018	1112	22	MA
9V1JY	14021	1420	21	CA
9V1YC	14026	1208	28	FL
A41JV	21020	0014	26	FL
BY4RB	14031	1240	22	IL
DU3/ KE9A	14029	1100	24	FL
EA8AB	14028	2327	26	FL
EA9/ EA4DAE	14030	0254	19	WI
FH5EJ *	14020	1217	20	AL
GXØMFF	14017	2249	22	NH
H44RW	14030	1446	28	FL
HKØBKX	14020	1224	17	WI
HKØBKX	14019	2340	27	GA
HSØAC	14025	0118	22	FL
HSØAC	14025	1030	19	NH
HSØAC	14030	1400	21	MT
J28NU	14028	0334	17	NH
J39BS	14013	0945	24	FL
JD1/ JA9IAX	14008	0631	20	CA
	14025	1045	25	OH
	Minami Torishima			
JT1CS	14014	1405	23	MT
JX7DFA	14011	0217	28	FL
OY3QW	14021	2349	26	FL
P29PL	14009	0954	10	MI
PZ1DY	14016	1045	25	OH
PZ2AC	14009	1012	23	FL
SV9AWF	14024	2139	24	FL
SV9BAI	14022	2247	25	FL
TA2AO	14015	0350	19	CA
TA7M	14007	2250	26	FL
TK5EL	14024	2248	25	FL
UD7ØDWZ	14009	2330	21	GA
UI8QU	14030	1850	19	MI
UL7LY	14025	0030	19	MA
UL7RDW	14033	0113	22	FL
UL8GWJ	14030	2055	20	CA
V73AZ	14034	1205	21	WI
V85TT	14018	1316	22	MT
VK9NS	14024	1050	19	MA
VQ9TD	14009	1436	24	WA
VS6WV	14002	1329	91	CO
VU2RKS	14014	1211	28	FL
VU2ROI *	14014	1153	20	AL
VU2TTC	14021	1215	20	IA
Z21FN	14008	1356	26	WA
ZC4CZ	14026	0405	22	GA
ZD8CUE	14008	0005	28	FL
ZD8CUE	14050	2253	22	MI
ZS8MI	14036	1118	22	MA
ZS8MI *	14035	1250	22	IL

20 Meter SSB

3B9FR	14195	1227	17	CO
3D2ER	14203	0703	26	WA
4S7NS	14192	1059	21	VA
4S7VK	14167	1145	19	FL
5K3T	14226	0638	17	VT
8R1RCN	14194	1028	23	FL
9J2AL	14194	1405	15	BC
9K2IC	14198	0003	23	MA
9Q5TE	14190	0546	19	CA
9V1WV	14192	1420	15	BC
9V1WW	14185	1401	24	MT
A41KJ *	14202	1233	21	IL
A61AD	14194	1329	28	MD
A61AD	14211	2049	19	NY
A92FB	14160	0003	23	FL
BY5RT	14200	1440	24	MT
BY5RY	14193	1354	17	BC
BY5TS	14153	1224	23	MT
FP5DX	14194	0230	19	PA
FR4AE *	14198	1233	21	IL
FR4FR *	14203	1042	19	PA
FR5DX	14200	1055	25	OH
FT4XG	14157	1218	21	WI
FT5XA	14190	1208	15	MO
H44AP	14236	1050	22	FL
H44RW	14165	1210	24	IA
HS1AC	14205	1158	19	FL
KH3/ KA3HMS	14259	0356	21	MA
	14217	0541	25	WA
OX3SG	14226	1605	15	BC
S83H *	14208	1400	21	CA
ST4/WZ6C	14160	0320	19	IA
TA3F	14263	0349	24	MT
TA5C	14191	0039	20	CO
UH8EA	14193	0047	19	FL
V85DA	14226	1422	25	WA
VQ9FM *	14192	1230	13	WA
VS6WV	14160	1425	15	BC
VU2DZ	14179	1050	24	OH
VU2LIZ	14208	1050	21	VA
VU2NRI	14222	1218	25	IL
VU2OGZ	14195	1155	19	FL
XU8DX	14177	1209	20	MI
ZB2GR	14215	0545	19	CA
ZD9CN	14197	1400	23	CA
ZS6LUX *	14165	1330	21	NH
ZS8MI	14258	1231	21	WI

17 Meter CW

5B4OG	18078	0225	23	AL
C31LB	18083	1336	21	NH
C6AFN	18080	0330	21	SC
FG5ED	18082	2300	23	WI
FK8FS	18074	0335	22	CT
H44RW	18072	1302	24	OH
HZ1AB	18070	0420	26	WA
HZ1HZ	18076	2210	15	SC
KH3/ K8CRM	18080	2342	1	SC
TF3CW	18075	0113	19	SC
UA2FAO	18081	2320	21	SC
V31TU	18078	0133	23	AL
V73AT	18071	1500	23	CT
YBØUSJ	18070	1256	24	OH
YO3CD	18077	0030	16	SC
ZC4CZ	18084	2131	21	CT

17 Meter SSB

C31LBB	18120	2230	22	WI
OD5QX	18119	2200	23	WI
ST4/WZ6C	18146	2220	23	WI

15 Meter CW

5H3TW	21021	1733	18	MA
7X2CR	21024	0023	25	IL
7X2CR	21017	1653	19	NH
9M2FB	21027	0144	22	FL
BZ4RDF	21024	0112	19	NH
BZ4RDX	21024	0114	19	NH
C3ØCAG	21009	1742	19	NH
CEØFFD	21010	0040	25	IL
EA8AB	21025	2335	18	SC
EA9TY	21016	2000	23	WI
EK9ZAA	21015	0335	19	CA
FK4BH	21015	0330	22	SC
FK8DD	21012	0256	19	MO
FK8FS	21019	0214	20	NH
H44RW	21028	0239	25	WA
H44RW	21024	2153	25	WA
HKØBKX	21020	1428	22	FL
HKØBKX	21009	1806	22	GA
HSØAC	21025	0202	22	FL
NH2/ N7DF	21036	2218	20	CA
OHØBDA	21028	1425	22	FL
PZ1AP	21045	0345	17	CA
PZ1EH	21023	2338	22	GA
RVØYF	21012	0105	22	IA
	Zone 23			
ST2/ G4WYG	21041	1249	22	AL
TR8BY	21025	0709	22	IL
TR8JLD	21028	2343	26	FL
UD6DUW	21027	0340	17	CA
UI8GBK	21017	0145	24	IA
V31TU	21026	2126	17	NH
VP5P	21030	1300	22	IL
VQ9QM	21027	0008	19	GA
VU2ZAP *	21006	0237	19	AL
YL75ID	21025	1955	22	GA
ZD8LII	21028	1715	22	GA
ZD8LII	21028	2050	21	NH

15 Meter SSB

4U1WB	21310	2200	18	CA
5Z4BI	21238	2126	7	IL
7Z2AB	21335	2000	13	CA
A61AD	21281	1530	15	FL
BY1BJ	21267	0301	23	FL
BY1DH	21295	0210	23	FL
FO4NR	21288	0336	23	FL
FR5DX	21291	1324	17	WI
OY7FRA	21289	2250	22	FL
S79MX	21300	0410	18	FL
S79MX	21346	1930	22	IA
S92LB	21208	2120	9	MI
TA5C	21284	1325	23	IA
TL8WD	21205	0530	21	WA
TU2UF	21332	1313	28	MD
UI8ZAC	21277	0244	23	FL
UJ8JDP	21212	0137	19	NH
UJ8JDT	21239	0135	26	GA
UL8DWD	21278	0255	23	FL
VP2EE	21350	2100	27	MD
VP2EY	21210	2144	21	IL
VU2WAP	21277	0118	25	IL
YJ8MB *	21225	1254	7	MI
YL75ID	21314	1305	21	PA
ZD8PJ	21298	2043	19	NY
ZS8MI	21300	1036	17	FL

10 Meter CW

TR8BY	28026	1725	22	GA
Y9ØANT	28009	1425	22	NH

10 Meter SSB

5T5FD	28490	1339	26	MD
6W6JX	28480	1835	3	SC
7Q7JA	28442	1258	22	FL
9K2HA	28510	1312	26	PA
EA6MR	28493	1304	26	PA
EA9IB	28483	1411	26	MD
FR5DX	28501	1335	26	MD
FT4XG	28483	1232	22	FL
J2ØX	28505	1221	26	PA
JA6BIF *	28496	1218	3	SC
S79MX	28498	1325	26	MD
TR8GL	28440	0950	28	NJ
V51MA	28488	1145	26	PA
VP8CEA	28500	1515	22	VA
VP8CED	28445	1500	28	NJ
Y9ØANT	28488	1353	26	MD
ZD8BOB	28453	2213	27	MD
ZS9A	28610	1424	8	SC

6 Meters

CU1EZ	50111	2133	6	NS
CU2/ G3RFS	50110	2100	11	NS

Novice Band

8P6BE	21121	0127	9	FL
EC8AUE	21127	1722	14	FL
XE1VBM	21110	1707	14	FL

90/10

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The DX Bulletin

Calendar

Issue 549 - August 3, 1990

(Changes and hot info in **boldface**.)

Albania - ZA	**by HA5WE etc. soon?**	**I544**
Andorra - C3	**C3ØEMA Aug. 8-23**	**I549**
Antigua - V2	**AA6OG, NF6H July 30-Aug. 8**	**I547**
Armenia - UG	UG6GAW 21014 0200Z	I547
Ascension - ZD8	ZD8LII 21028 17-2100Z	**I549**
	ZD8BOB 15M CW 19-2400Z	I548
British Virgin Is.	**N2HNQ/VP2V Aug. 6-10**	**I549**
Cayman Island - ZF	ZF2PI/ZF8 Aug. 20-28 SSB	I548
Chagos - VQ9	VQ9QM 18072 1500Z	I546
China - BY	BY4RB 14032 1245Z	**I549**
Crete - SV9	SV9BAI 15M CW 2200Z	I548
	J49G Aug. 1-15	**I549**
Djibouti - J2	J28NU 14014 1330Z	I547
Eastern Malaysia - 9M	9M8MG 14220/12Z 9M8PV 14175/11Z	
Gabon - TR	TR8GL 14196 22-2400Z	I547
Gambia - C5	**C56/DL7FT Aug. 8-18**	**I549**
Glorioso - FR/G	**FR5ZU/G Aug. 21-30**	**I549**
Gough Is. - ZD9	**ZD9CN 14200± 1400Z**	**I549**
Guyana - 8R	**by W1CDC Aug. 8-19**	**I549**
Hong Kong - VS	VS6WV 14010 1120Z	I548
Iceland - TF	**DLs/TF July 27-Aug. 24**	**I545**
India - VU	VU2ZAP 21008/0145Z	I547
	VU2DZ 14178 1050Z	I548
Jersey - GJ	**GJ/PBØAFQ Aug. 12-26**	**I549**
Johnston Is. - KH3	**KH3/KA3HMS 14225± 04-0600Z**	**I549**
Jordan - JY	JY9SR 21032 01-0200Z	I547
Kampuchea - XU	XU8DX 21275 0130Z	I548
Kerguelen - FT/X	FT5XH 14200 11-1200Z	I548
	FT5XA 14195 11-1300Z	I548
	FT5XG 28480 1200Z	**I549**
Kure Island - KH7	**KH6LW/KH7 July 26-Aug. 8**	**I548**
Kuwait - 9K	9K2CS 15M SSB 2330Z	I547
Lesotho - 7P	7P8DF 14238 1300Z	I548
Malawi - 7Q	7Q7RM 14035-40 12-1300Z	I547
Malaysia - 9M	9M2AX 14026 1100Z	I548
Marion Island - ZS8	ZS8MI 14260 1230Z	**I549**
	14035 11-2400Z	**I549**
Marshall Island - V7	V73AZ 14200, 20M CW 11-13Z	I548
Mauritius - 3B	3B8CF 7010 0300Z	**I549**
	3B8DB 20M CW 1230Z	I548
Mayotte - FH	FH5EJ 14019 1230Z	I547
Minami Torishima	JA9IAX/JD1 back	I544
Morocco - CN	**CN2DX/YL Aug. 10-19**	**I548**
Nauru - C2	C21DX 21028 0300Z	I547
New Caledonia - FK	FK8FS 21010 0330Z	I548
Norfolk Island - VK9	VK9NX Aug. 22-28	I547
North Cooks - ZK	**ZK1XH 14200± 1000Z**	**I548**
Palau - KC6	by JAs Sept. 13-16	I545
Papua New Guinea - P2	**P29PL 14008 0945Z**	**I549**
	P29BY 20M SSB 10-1100Z	I547
Reunion Island - FR	**FR5DX 21285 13-1600Z**	**I549**
Rodriguez Island - 3B9	3B9FR 14026 1130-1300Z	I548
San Andreas - HKØ	HKØBKX 14020 1120Z	I548
Saudi Arabia - HZ	**HZ1AB 18070 0400Z Thurs.**	**I549**
Seycelles - S7	**S79MX 21325± 1820-2000Z**	**I548**
	S79MX 28500 1330Z	**I549**
Sierra Leone - 9L	9L1US 21327 1900Z Sunday	I547
Singapore - 9V	9V1XQ 20M SSB 1030Z	I547
	9V1YC 14003 12-1400Z	I548
Solomons - H4	H44AP 18135± 1200Z	I548
	H44RW on now	**I549**
South Sandwich - VP8	Nov. 20-Dec. 13 VP8SSI	I545
Sri Lanka - 4S	**4S7CF 14010 12Z 21005 0130Z**	**I549**
	4S7NE 14005 1200Z	I548
Sudan - ST	**F6FYD/ST through Sept.**	**I549**
Svalbard - JW	**by PAs to Aug. 8**	**I549**
Tadzhikistan - UJ	RJ8JDV 14010 0100Z	I548
Tanzania - 5H	5H3TW 14020 1200Z	I547
Turkey - TA	**TA5C 21265± 1330Z**	**I549**
Turkmenistan - UH	UH8EA 14180 2330Z	I548
Tuvalu - T2	T2ØAA 14029 1020Z	I548
United Arab Emirates	**A61AD 14190± kHz at 1300Z**	**I549**
Uzbekistan - UI	**UI8ZAC 21275± 0245Z**	**I549**
	UI8ZAC 21280± 0200Z	I546
Yemen - 7O	**by French ops to Aug. 12?**	**I549**
Zaire - 9Q	9Q5TE 14200 0500Z	I546

Contributors

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